cavity to form a through hole passing between the first plane and the second plane.

2. The electronic device of claim **1**, wherein the pattern of repeating base units extends substantially across a length and a width of the body.

3. The electronic device of claim **1**, wherein the first spherical cavity, the second spherical cavity, the third spherical cavity, and the fourth spherical cavity are substantially a same size.

4. The electronic device of claim **1**, wherein the first spherical cavity, the second spherical cavity, the third spherical cavity, and the fourth spherical cavity of the pattern of repeating base units are in a three-dimensionally close-packed arrangement.

5. The electronic device of claim **1**, wherein the first plane is parallel to the second plane.

6. The electronic device of claim **1**, wherein the body conducts heat away from a component positioned substantially adjacent to the second surface.

7. The electronic device of claim **1**, wherein the body comprises a metal.

8. The electronic device of claim **1**, wherein the body comprises aluminum.

9. The electronic device of claim **1**, further comprising a thermal spreader disposed substantially adjacent to the second surface.

10. A housing for an electronic device, comprising:

a body having a first surface and a second surface;

the body defining a first set of spherical cavities extending into the body;

the body defining second set of spherical cavities extending into the body and eccentrically intersecting the first set of spherical cavities to form a hexagonally close-packed pattern of spherical cavities in fluid communication with a first set of apertures defined by the first surface and a second set of apertures defined by the second surface.

11. The housing of claim **10**, wherein the spherical cavities of the first set of spherical cavities are substantially a same size as the spherical cavities of the second set of spherical cavities.

12. The housing of claim **10**, wherein the first surface is substantially parallel with the second surface.

13. The housing of claim **10**, wherein the body at least partially defines an internal volume configured to surround a component of the electronic device.

14. The housing of claim **10**, wherein the cavities of the first set of spherical cavities are arranged in a regular and repeating pattern.

15. The housing of claim **10**, wherein the cavities of the second set of spherical cavities are arranged in a regular and repeating pattern.

16. An electronic device, comprising:

a body having a first surface defining a first set of apertures and a second surface opposite the first surface, the second surface defining a second set of apertures;

the body defining a repeating pattern of multi-planar close-packed spherical cavities in fluid communication with the first set of apertures and the second set of apertures.

17. The electronic device of claim **16**, wherein the body is a housing that at least partially defines an internal volume.

18. The electronic device of claim **17**, further comprising a computing component disposed in the internal volume.

19. The electronic device of claim **17**, further comprising a fan disposed in the internal volume, the fan in fluid communication with the repeating pattern of multi-planar close-packed spherical cavities through the first set of apertures.

20. The electronic device of claim **16**, further comprising a display coupled to the body.

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